

CANDIDATES
LETTERS
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The Tech

OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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LETTERS
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Await Institute Approval

WTBS May Soon Petition FCC For FM Broadcasts

After a long period of planning and investigation it appears that the red tape connected with setting up frequency modulated operation of the MIT student operated campus radio station, WTBS, will begin to be cut very shortly. According to Ira Holzman '57, technical manager for the station, the petition by WTBS to the Institute Administration is near approval and definite word should be received in the next few days.

If this petition were approved the next step would be to apply to the Federal Communications Commission. It is expected that difficulty will be encountered in obtaining the approval of this petition since special permission is required to broadcast advertising over a ten watt FM transmitter with only an educational license. The Managing Board of the station feels that if the administration will back them to the fullest in their petition, however, it will have a good chance for acceptance.

Move Would Increase Listeners

If the FM transmission petition were granted, the station would expand considerably. The present listening audience of less than two thousand in the dormitories and several fraternities equipped for operation would be increased to all students and faculty. Holzman further points out that the FM transmission would make for "tremendous public relations" since the low power broadcasts would reach the entire Boston area.

The FM transmission also provides potentially better fidelity than AM broadcasts and would be better suited to the classical music programs which form a large part of the station programming. The large number of students owning hi-fidelity systems would benefit greatly from the change.

Hockey Game To Be Broadcast

In line with its present policy of increased coverage of campus events, the station will broadcast the MIT-Army hockey game this Saturday at 7:30 p.m. This broadcast will be part of the Sports Roundup program.

Debate Club Host To Sixty College Teams In Week-End Meet

The MIT Debate Tournament, oldest in New England, will be held on Friday and Saturday, February 15-16. Competing will be 300 students from 60 colleges throughout the United States and Canada.

The competition will take place in five rounds plus semi-finals and finals, which will be held in Kresge Auditorium on Saturday. MIT goes into the competition with a record of 13-9 on the affirmative side and 17-6 on the negative side. Since a debate is composed of two teams, affirmative and negative, this accounts for the dual won-lost record.

For this debate, MIT's competitors will consist of Alex Bernhard '57, Jim Charak '57, Ed Roberts '57, Vern Porter '57, Al Tucker '58 and Duane Ganov '58. They will debate the intercollegiate topic "Resolved that the United States should discontinue direct economic aid to foreign countries".

After this debate the season prospectus includes meets with Dartmouth, Boston University and West Point at the National Championships. In this week's tournament Tech is entering a novice team, composed of freshmen Wayne Hayden and Dick Smith for the negative and Fullmore McPherson and Rangit Puri for the affirmative.

Candidates Meet Voter Challenge In Baker-Buttery Election Debate

by Jon Wigert

In an indication of what is to come in the next few days, Arnie Amstutz, Ritchie Coryell, Helmut Weymar and Larry Spiro met in Baker dining hall in an informal debate Wednesday evening. Toni Deutsch was unable to attend.

In the opening speech, Coryell, candidate for UAVP on a ticket including Arnie Amstutz, set forth his be-

lief in the advantage of a "team" to head Inscomm and in a scheme that may well put an FM station on Campus—"an integrating factor that would put a new spirit into the community." Feelings ran high as Spiro mounted to the speaker's position and propounded the statement "Hazing is fun!" as well as a means to better Freshman orientation, and campus feeling. The big problem (as he saw it) was to put it on a campuswide scale. Hazing with the living group seemed no problem to this candidate for UAVP. In another statement, he went on to say that a platform was a poor excuse for solving any of the major campus problems or problems of the MIT community. A thorough awareness of these major problems was the only answer to what might be a long range solution.

Helmut Weymar, UAP hopeful, met fire from a number of Baker men and members of Inscomm on the grounds that he and Spiro were receiving the support of various campus activities. Arnie Amstutz rounded out the first speeches with an answer to Helmut Weymar's New Philosophy with a number of copies of his platform, which he promptly with-

drew from his pocket and distributed among the audience. As he put it, "I don't think most people have been reading these."

It was during the question period that the candidates' views really came to light and some of the feelings of the audience became apparent. Coryell no sooner stepped to the speaking position once more, than he was under attack by members of his own living group concerning his position as social chairman of the Baker House. Coryell stated that some facts pertinent to this would be presented in a forthcoming newsletter.

Helmut Weymar, in accordance once again with his new philosophy, around which he bases most of his platform and hopes for a better MIT community, pleaded for a realistic approach to the problems confronting us. Speaking with the background of one who has worked intimately with many of the "higher ups" while on the Liaison Committee, he specifically stated that a recognition of compulsory commons as a system here to stay was just one of a number of new approaches that are necessary for an Inscomm that would have a substantial place in formulating Institute policy.

Amstutz, on the other hand, though in agreement with Weymar on a number of issues, saw Inscomm as a massive "lobby", or a place where the student body could make itself felt and leave its mark on Institute policy by its sheer weight.

Expect Lecture From Henry S. Commager On Arrival, Tuesday

A noted historian, author and teacher, will be the next speaker in the LSC 1956-57 series of lectures.

Henry Steele Commager will speak in Kresge Auditorium next Tuesday, February 19, at 5:00 p.m. on the topic: "Freedom and the Leviathan State".

Mr. Commager is, at present, Professor of History at Columbia University.

Mr. Commager is the author of such books as "Majority Rule and Minority Rights", "Freedom, Loyalty, and Dissent", and "Living Ideas in America". In addition, he has been Professor of History at New York University and Cambridge University. In 1952 he was appointed Harmsworth Professor of American History at Oxford University. In addition to these activities, he has been engaged as a consultant for the US War Department, and he is a member of the US War Department Committee on the History of War.

Sillen From Sweden Named Visiting Prof.

Dr. Lars G. Sillen, Dean of the Chemistry Department at the Royal Institute of Technology in Stockholm, Sweden, has been named Arthur D. Little visiting Professor for the current semester.

During the next three months Dr. Sillen will deliver a series of twenty lectures on "Studies on Chemical Equilibria", in which he will deal briefly with the law of mass action, discussing the mathematical and experimental methods used in treating equilibrium systems.

A consultant for the Research Institute for National Defense in Sweden, Dr. Sillen is also president of the commission on equilibrium data, Analytical Section, International Union of Pure and Applied Chemistry; and editor of Svensk Kemisk Tidskrift.

Trans-Atlantic Television Soon Says MIT Professor

Trans-Atlantic TV may come within the next ten years. Last Wednesday night, Professor Jerome B. Wiesner, director of the Research Laboratory of Electronics at MIT appeared on WGBH-TV for a discussion of "Long Distance Television".

Data Collected In Europe

Professor Wiesner has recently been heading a group compiling information from all over the world on long distance TV transmission. He has been traveling back and forth across the Atlantic gathering data and talking to electronics experts from many nations on the specific subject of long distance TV transmission. In addition, a great deal of research regarding the problems of such transmission is under way here at MIT.

In his discussion with Mr. Volta Torrey, the MIT Director of Television, Professor Wiesner answered many of the common questions about regular TV transmission.

Both the limitations of present day short-wave TV signals due to horizon and the use of micro-wave relay systems and coaxial cables to solve this problem was discussed. Professor Wiesner also told how the number of TV channels is limited because of the band width required for TV pictures.

Cable Possible But Expensive

The Professor then turned to the three methods of extending the range of television signals. The first method, and presently the most plausible, is the use of a trans-Atlantic submarine cable. A special cable would have to be outfitted. This operation has not been started mainly because of the enormous cost. Even if work was started today, years would pass before the cable was completed.

Tropospheric Scatter Unsuccessful

The next method, tropospheric scatter, has been described as one of the most exciting developments in the history of radio. At the present time, scientists have been unable to apply this method to TV transmission. Much research is being done in this field, however.

Redundancy Reduction Sought

The last solution and the one with the most potential is redundancy reduction. A great amount of work is being done at the MIT Research Laboratory of Electronics on this problem. Professor Wiesner stated that if one of the many workers in his laboratory hits the solution, trans-Atlantic TV will be a reality within a very short time.



Professor Jerome B. Wiesner, leader in the development of Trans-Atlantic television.

Delayed Rushing Not The Answer, Says IFC Comm. Report

Delayed rushing is undesirable, said the members of the Interfraternity Conference Committee for Delayed Rushing, at the monthly IFC meeting last night.

The members of the committee, which was set up last fall, were: Dean Speer, Ron Zolkiewicz '58, Elery Stone '59, Ron Enstron '57, and Hal Smith '57.

They decided that the benefits which would accrue from delayed rushing would not compensate for its disadvantages. Elery Stone said that the decision was reached by "considering the various aspects of the subject from three different points of view: those of the Institute, the freshmen, and the fraternities. For example, we thought the Institute would not approve of the interruption in the students' work caused by rushing in the middle of the term; the fraternities would suffer as delayed rushing would shorten the effective life of the member with the fraternity; and it would be harmful to the freshmen pledges as the fraternities generally give intensive orientation programs which help a freshman get his feet on the ground, and this is most effective at the beginning of a freshman's stay at MIT."

The committee decided that it would be best if the freshman week-end were lengthened to a week and rushing alternated with the regular freshman week-end activities. For those freshmen who did not wish to be rushed there could be alternative programs such as guided tours of the Institute.



At the East Campus Coffee Hour, Monday, in Talbot Lounge, Professor Dirk Struik's audience questioned him about the Marxist views he holds, and about recent political developments. Afterwards, the prevalent feeling was that Dr. Struik had been forthright in his response. Although his views were not widely shared by his listeners, he was decidedly conceded to be an asset to the MIT Community.

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Letters from candidates for all class officers and inscomm seats must be submitted to The Tech office before Sunday, February Seventeenth, and should not exceed five hundred words.

EDITORIALS

Elections Tuesday--Vote

Next Tuesday, the student body will elect student government leaders. The main duty of these leaders will be heading the new Institute Committee in the coming year. Clearly, it is necessary to have good leaders in any form of government before good government can exist. It is for you to determine these leaders.

The mark of a successful Institute Committee is the record which it establishes with respect to legislation, handling of funds, new ideas brought forth, etc. Not to be left out, is the manner in which Institute Committee upholds the laws it makes. A case of this is the ban against hazing the present Inscom inherited last year. Good or bad, the rule was there and should have been either enforced or changed. After damage was done to both freshman and student government prestige, the Schultz Committee was formed whose only contributions were sweeping generalities and minor recommendations. In areas such as this, a wise student government should reflect on its motions, see what the implications are, and prepare to either uphold the law to the fullest extent or drop the whole matter. Half-way student government is worse than none at all.

When you vote next Tuesday consider each man—his qualifications, his merits, his failings—consider how he will react to the responsibility of student government and the situations that will arise during the year, and consider his platform—how it affects you and its effect on the way of life at MIT. Consider all of these and then vote. But be sure and vote, for a truly active student government can be obtained only through a truly active voting student body.

Canadian Hazing

Occasionally when we of MIT lift our sleep-weary eyes from the glare of a fluorescent lamp upon the pages of a book which some professor has written for his own course, our caffeine-stoked brain notices flashes of fire revealing a college where life exists—a red, raw uninhibitedly collegiate life. Perhaps the rawest of these schools represented by its equally raw but excellent paper, *The Ubysey*, is the University of British Columbia.

To compensate for the humiliation suffered by the freshman girls during the hazing period by their practice of deskirting and to show their true idolization of the female, the men of the University of B.C. observe a co-ed day. "Co-ed Day" the very name suggests an Etesian world of osier bodies, delicately poised in obsequiousness: of fluttering, patrician supplications; of girls, girls, girls; girls buying and being bought, carrying and being carried. Co-ed Day! Hoo boy! For this is the day when male superiority is finally and gloriously recognized. Co-eds will comply with any masculine desire, without any of the superfluous pouts and moues with which they beg the issue the rest of the year. In the morning Nurses and Aggie girls will invade the library and take all available boys out to coffee . . . (and) polish boys' shoes. At noon there will be a pep meeting in the auditorium with a Chinese Auction of four co-eds, entertainment, and Home Ec. girls selling goodies." At this point the reporter striving for the removal of ambiguity asked, "What kind of goodies?" The afternoon was climaxed by the tea dance while the dance in the evening concluded the festivities.

Unique Pictures

The gleeful-fun-loving, its great to be alive, virile but good natured humor and attitude of the entire campus is captured by the newspaper with unusual pictures with more unusual captions. An example of this is a picture of the backsides of four co-eds kneeling over the back of a couch, described by a unique caption: "Tireless in its efforts to bring its readers both sides of the story, the *Ubysey* here presents pictorial proof that Mardi Gras Queen candidates have a deep-seated desire to get ahead. *Ubysey* photographers, it seems have a similar deep-seated desire to get behind the headlines, down to the bottom of things."

Engineers Versus Aggies

The U of BC seems to be continually engaged in some humorous activity, such as a recent float race between the Engineers and the Agricultural College. "The Aggie's Cow" (one of the floats), a lumbering ox, built on the battle lines of a battleship, was standing there, patiently disgorging great quantities of eggs, flour, and rotten vegetables to eager Aggies and Foresters.

The Engineers tried to retaliate by throwing logs, a six by six, and gas and oil over the road. A member of the faculty for them from lighting the gas, and a crowd of Aggies stopped them from using the logs. The race started in a shower of debris as the Aggie drivers pelted the Engineer 'horses'. The Engineers disintegrated when the Aggies started using natural, solid fertilizer. The Aggies won in a walkaway."

Snow Balls Fly

The virility, joyousness and unconcern of the students pervades the University sometimes resulting in goodnatured, though perhaps foolish, riots. Recently a spontaneous demonstration routed and ruined, at the outset, a fund raising drive. "Great trek committee efforts to get publicity for UBC's appeal for funds failed today as snowballs ruined ceremonies on Main Hall.

"The program called for former great trekker Aubrey Roberts to deliver a speech to start things off. He had to run for cover after he said about ten words.

"Next event scheduled was the hut-building contest between the Engineers and the Foresters. The snowballs tore the huts apart while they were being built.

"The CBC television cameraman found it almost impossible to get shots amid the flying snow-balls. A photographer from the Sun had his camera put out of action the same way."

Arise men of MIT. Leave these drab, pastel brown walls, grueling hack work, and surmountable problems. Lead a life of virile, lustful joy amid the raucous humanity of that most fascinating, most colorful campus—the University of British Columbia.

—Carl Swanson '60

letters

The following open letters to the student body were received by the Editorial Chairman, from candidates for the offices of Undergraduate Association President and Undergraduate Association Vice-President.

To the Editorial Chairman:

When running for an office like UAP, a candidate must consider many things. Does he comb his hair the right way, does he wear the right color tie, does he know the right people? All these things can be more or less important. But, in any campaign, there are two factors which I believe to be more important than all the rest put together. They are his experience and his aims.

I firmly believe that any candidate who wants to be considered should be able to show that he is qualified and has definite specific plans. Therefore, I hope everyone will take a moment and ask, "What's he done and what does he plan to do?" I'd like to try to answer this question. First of all, what have I done? Briefly, I have had experience as representative to Inscomm, as a member of the Executive Committee of Inscomm, and on the Finance Board which handles the undergraduate budget. In addition, I have served on numerous subcommittees, such as the one studying Communications, and have been a member of my house committee.

By this time you are probably asking, "So what?" Good question. While working in the student government bureaucracy I have watched philosophies come and go and listened to the cynics curse the day student government was born. I have developed the idea that if student government is to be of any value to those who don't hold office, it must be an effective lobby for student interests.

There are specific areas in which we all want action. It is all too easy to evade issues. Instead, I propose definite action to meet the issues. There are dangers involved in such

To the Editorial Chairman:

I am running for the position U.A.P. on the basis of my philosophy of student government, my qualifications, and my platform solutions to major issues. Briefly these are:

New Philosophy:

(1) There are two specific areas of student government action: (a) area of direct student government jurisdiction, and (b) the area of student interest falling outside of jurisdiction.

(2) In the first area, it is student government's role to take clear positive steps, while within the second area, student government must intelligently, forcefully, and presently present its views on behalf of student interest.

Major Qualifications:



F. Helmut Weymar

(1) **Member of Liaison Council:** This council, which is made up of students, representatives from the administration including President Lillian, Chancellor Stratton, and Dean Rule, and several top rank faculty members, discusses major student issues.

(2) **News Editor of The Tech:** occupationally necessary in this position to keep closer tabs on student government issues than any other on campus with the possible exception of the UAP.

Platform:

(1) **Parking:** (a) We must work with the administration and the Harvard Student Council in bringing immediate liberalization of existing parking ordinances, and (b) we must work with the administration for expanded parking facilities on campus.

(2) **ROTC:** I favor the complete abolition of the compulsory basic program as it now exists. I believe this can be accomplished during term in office, to the benefit of the student body and the ROTC units themselves. The units could and would make their program attractive enough to continue to draw their quota of students.

(3) **Commons Meals:** Judging from the Ryer Committee report, the management of the Stauffer's Catering firm, and the new dining facilities at Burton House, I believe that compulsory commons are here to stay. I had commons meals myself and know that improvement is badly needed. Therefore I recommend as the only realistic solution a top level committee with strong student representation to administer the policies of the catering firm where these policies are deemed unsatisfactory.

(4) **Hazing:** Hazing activities on the side of the various living groups should be strictly forbidden; while Institute Committee should down broad guides limiting the use of dangerous implements, legislation and enforcement authority must be given in full to the living groups themselves.

(5) **Curriculum:** Curricula and other academic problems of major student interest must be solved through student representation on pertinent faculty committees.

(6) **Judicial:** I cannot condone too often closed hearings and insufficient notice to defendants which characterize our otherwise enlightened student judicial program.

F. Helmut Weymar
Candidate for U.A.P.



Arnie Amstutz

a program. As soon as I become specific, others can begin to scream, "But it won't work because . . ." Despite such objections, I believe that it is better to present a concrete plan, realizing full well that it will take work to achieve it. Let's look at a few points:

I'm taking commons and know that any system must be as voluntary as possible. Under any circumstances, liberal cut-and-exchange privileges are a necessity.

In order to improve esprit de corps and training, the second year ROTC program should be on a voluntary basis. This leaves the Freshman year as an introduction to ROTC.

Inscomm was not successful last March when they said, "Thou shalt not haze." Let's put the problem on the level where the people who are directly concerned can deal with it. Individual dormitories and fraternities should be allowed to handle their own hazing problems.

How about a constructive suggestion on parking? Though this may not be the whole answer, let's consider establishing shuttle service and off-campus parking lots for Institute personnel living in the suburbs, leaving on-campus lots free for students.

What about facilities on-campus to allow commuters easy access to overnight accommodations? This can be obtained by working in cooperation with the dormitory system.

Inscomm should encourage better communications at MIT by supporting

(Continued on page 3)

letters



Richie Coryell

To the Editorial Chairman:
The office of UAVP has been changing in recent years. I would like to see this change made in the direction of more efficient student government. To achieve this, greater cooperation with the UAP is essential. Therefore, I have decided to work with Arnie Amstutz toward the following mutual goals.

In the matter of hazing, the first step is to work for the repeal of the no-hazing resolution and to put the control of hazing in the hands of the living groups. Inscomm should then proceed to outline broad limits with an eye toward eliminating sadism, both physical and mental. This must be done before summer in order to have a definite, well-publicized policy to present to freshmen in the fall.

As for commons I feel that a poor situation will probably get worse unless the students' opinions are pressed on the administration. Admitting that compulsory commons is inevitable, all over campus is not an approach that will get favorable results. Therefore, we will work with the new catering service to present student ideas in menu-planning and to establish a liberal cut-and-exchange system.

The only final and long-range solution to the parking problem seems to be to cut down the number of cars that flood daily into the MIT area. The building of lot after lot for the extra cars will see no end until the roof of Kresge is shingled with automobiles. With this in mind the proposal that parking lots be placed in suburbs for MIT personnel should be pursued and developed. This would provide more space for students' cars.

The ROTC sophomore program could be put on an optional basis. This would make for a sharper unit for the guys who are interested in ROTC. The Freshman program would have to be made more attractive in order to sell people on continuing. There is reason to believe that the ROTC department, itself, is interested in this line of thought. If student pressure at UCLA could bring about a voluntary system, we at MIT can do similarly.

In closing, I stress again the value of coordinated action in the top leadership of Institute Committee. I sincerely believe that far more can be accomplished with such an approach. If you agree with me, I would appreciate your support.

Richie Coryell
Candidate for UAVP

AMSTUTZ
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projects such as the establishment of an FM station.

These are some of the issues which I consider to be important. If you agree with me, I'd appreciate your support.

Arnie Amstutz
Candidate for UAP

To the Editorial Chairman:

The job of Vice President is chiefly concerned with coordination. That is, the Vice President should be responsible for maintaining communication among the subcommittees. The UAVP should also represent student opinion to the Administration and integrate administrative and student government relations; and serve in a public relation capacity. In order to accomplish these things the Vice President must be dynamic and possess initiative and willing to work. I have been an active member of many campus organizations; among them, the Junior Prom Committee, treasurer of the Association of Women Students and President of the MIT Women's Dorm. As UAVP, I intend to continue my service to the school.

I feel that the students of MIT must be assured of fair representation and unbiased discussions on Institute Committee. This can best be



Toni Deutsch

accomplished if Inscomm is not controlled or guided by one opinion alone. With a separation of the offices of the President and Vice President, the student body can be assured of obtaining the flexibility so absolutely essential if the people who fill these two positions are to perform most effectively and most productively. The Vice President should be neither a "yes-man" to the President, without opinions of his own; nor a militant, policy making individual, but rather a coordinator and advisor.

One of the major problems faced by Institute Committee is the delineation of authority. Where does the administration's jurisdiction end and Student Government's begin? As UAVP I shall do my best to help strengthen the position of Student Government and see that the students are allowed to solve such problems as are presented to them, not just discuss them.

Parking, ROTC and hazing are actually Administration problems, and while we are given responsibility for finding solutions, we are not given the authority to put our solutions into effect. As Undergraduate Association Vice President, I propose to remedy this situation by coordinating the policies and activities of the Administration in regard to Inscomm. This job can best be carried out by someone respected by the Administration and by one who has demonstrated ability, responsibility and experience in such undertakings. I feel that I am that person.

Toni Deutsch
Candidate for UAVP

QUALIFICATION TEST

The Selective Service College Qualification Test will be given on April 18. The deadline for the applications, which may be had in room 14-S136, is March 5.

To the Editorial Chairman:

The responsibility of student government does not always consist of "taking stands" or making decisions on "key" issues. Aside from the glamour, there remains work to be done. It is not enough to deal with the problems that arise during the year, we must also effectively attack the existing "problem areas". These problem areas include: Freshman Orientation, Communication, Student-Faculty Relations, Financial Procedures, and the like. These big problems can't be solved overnight; we must keep working at it.

The UAVP must do his share in leading the attack on these "problem areas". Without ambitious leadership, Inscomm cannot be very ambitious either. It is imperative, therefore, that the UAVP have experience in the areas in which he shall be called upon to act.

I have the strongest confidence in my ability to handle the office of Vice-President capably and effectively. I have an avid interest in these student problems—an interest which I feel I have demonstrated in my work in student government. I have served a full year on Institute Committee and have gained experience with the problem areas and with the student government agencies set up to deal with these problems. I have a great interest in the Freshman Orientation-Hazing Area and have worked on this problem through the Freshman Co-ordinating Committee, the Freshman Week-end Committee and through my role as Chairman of the Freshman Leadership Conference. I have also participated in the foreign student program at MIT, through the International Program Committee, and have dealt with the communication problem through a special committee set up by Inscomm. I also had the privilege of being an MIT delegate to the National Student Congress in Chicago last summer, where for ten days I discussed and compared the problems of student government all over the country.



Larry Spiro

The following are among the "implicit obligations" which I feel the Vice-President should be prepared to assume:

(1) The Vice-President should serve as a liaison between Inscomm and the nine permanent sub-committees, keeping operations coordinated and Inscomm informed of their progress.

(2) The V.P. should cooperate with Institute agencies of communication to keep the student body informed of Inscomm's actions and policies and keep Inscomm informed on general student feeling.

(3) The U.A.P. cannot function as the dynamic leader he must be if overburdened with administrative work. The V.P. must be ready and willing to assume a large share of this work.

Larry Spiro
Candidate for UAVP

From Candidates To Issues In 64 Inscomm Elections

by William Cramer

The Institute Committee first convened on February 11, 1893. There were twelve men on the first committee, whose first president was A. F. Bemis. The Constitution stated that "the powers of the Committee shall not be completely outlined, but its general policy shall be to further the best interests of the Institute as a whole." At this time the Institute Committee met once every two weeks. Today Inscomm has a membership of fifteen and meetings are held once every two weeks. In the embryonic stage of Institute Committee *The Tech* reported that student support of and interest in student government were the primary factors in the successful birth of the Committee.

Whatever the reasons, its stimulating and ameliorative effects seem to have been conspicuously absent in the Institute community in recent years.

It is difficult to detect the first signs of this lethargy, but an examination of contemporary history shows that such sentiments were prevalent and widespread with the end of the depression and the beginning of the second world war.

In 1942 only 33 persons attended the newly formed elections forum and only one-third of the senior class voted in the election of the leaders of the entire student body. The senior class president was traditionally president of Institute Committee. *The Tech* observed that "the students were not interested enough to even see the candidates to find out for what they stood."

Second-Place Votes Play Important Role In Picking UAVP

This year the voting will be run on the preferential system. The system works in the following way: Given candidates A, B, C, D, and E. If A has a simple majority on the first ballot, then he is elected. If not, then the last place candidate on the first ballot is removed from the voting and the second-place votes, for example, on the ballots are redistributed as first place votes on the totals of the rest of the candidates. Similarly, the third place votes are also redistributed and so on. If no candidate still has a simple majority, then the process is repeated until there is a winner. It is thus possible for one candidate to have fewer first place votes than another, but come out the winner if a majority of the people who voted for the less popular candidates selected him as their second choice. With this system of counting ballots, people change their minds as the tide of fortune changes and candidates are eliminated from the scene. It is thus extremely important to carefully consider second place choices and not to choose candidates on the ballot any farther than is dictated by personal feeling. (It is the opinion of Dick Hughes '57, chairman of the Secretariat, that the ideal way of voting would be in an assembly where all the voters minds.)

The votes will be counted by the Secretariat, under the supervision of the Elections Chairman, Jim Austin '57. Before the results are official, and in event of protest, the results must be announced by the Institute Committee and will be done so on February twentieth.

Expanding on the recent history of student government, the war years created other problems. The stepped up academic schedule meant that there were two graduating classes a year and thus, the race for junior class president assumed greater significance since he would be the head of Institute Committee within the half year.

The main issues during this period were polarized upon the interplay of fraternity - dormitory - commuter politics.

Nineteen forty-six marked the beginning of a new era at MIT. For the first time in the history of student government, a co-ed was elected the head of a class A activity, the chairmanship of the Walker Memorial Committee. In this same year the presidential election wound up a tie. The run-off was held by balloting through the mails.

The next year brought the outlawing of large caucuses for the nomination of political officers. This action was taken by the Institute Committee under the chairmanship of Norman Holland '47, who at present is Assistant Professor of Humanities and Baker House Faculty Resident.

Along with the slate of officers there was included on the ballot in 1948 the question of the "federation plan". This suggested innovation proposed that a larger proportion of the Institute Committee members be elected from the individual classes. The purpose of the plan was to stimulate interest in student government. The plan was rejected by the poll.

In nineteen fifty-three a student referendum, a motion to separate the offices of senior class president and president of Institute Committee, was passed. Previously, the junior class only had voted in the selection of Inscomm president. The next year the whole student body participated in the election of Undergraduate Association President. The issues in this campaign focused on: 1) Discrimination in fraternities, 2) Student assessments, 3) Financing of the Student Union Building, 4) Hazing.

The disinterest of many students in student government may be based on doubts about the value of student government in general, or criticism of the worth of a particular administration. Is student government worthwhile? How do the operations and characteristics of our Institute Committee compare with those of former governments?

Robert M. Briber '52, a former Undergraduate Association President, now a Presidential Assistant, proffers these opinions: he felt that the thing that makes student government important and valuable is, first, the process of personal development and maturation, which, is an offspring of the experience derived from the responsibility of ruling and policy-making. Secondly, and Mr. Briber feels that this factor is often overlooked in such an evaluation as this, "If it has no other importance," he said, "the strength of student government is simply that it's fun. As far as its value to the Institute community is concerned," he states, "to debate on the point of efficiency, the efficiency of a company or concern, is neither important or relevant. In student government, the understanding and personal evaluation by the student of his own problems, means that the job will be done better and actually with more efficiency. Student government provides a ready-made and responsible source of student opinion."

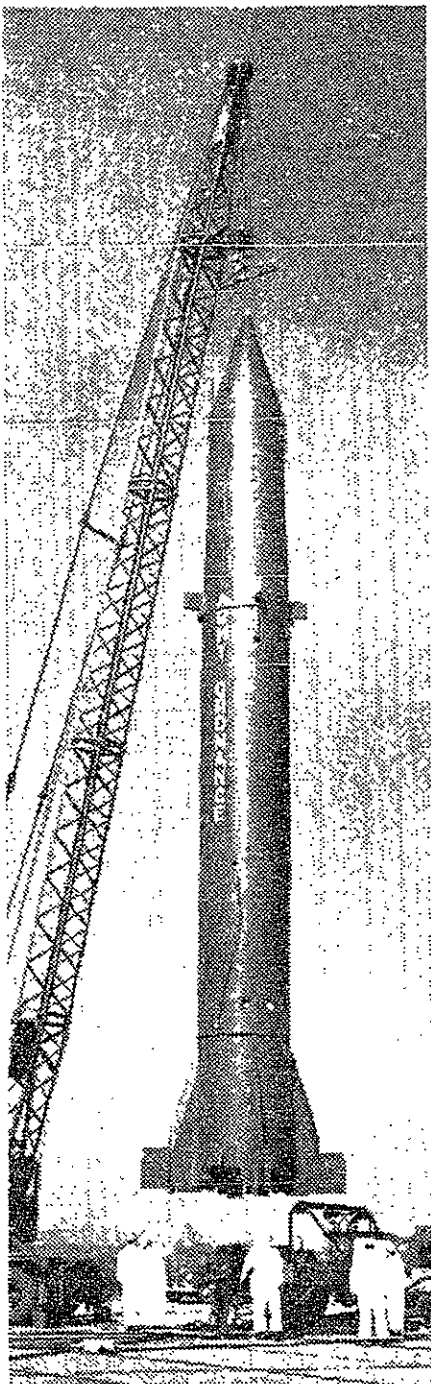
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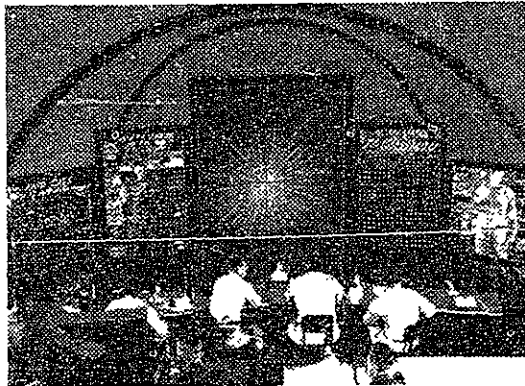
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What engineers are doing at Ford Instrument Company



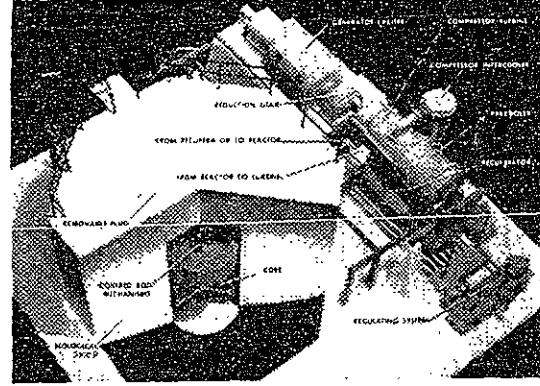
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Typical of FICo is its work on the guidance system for the Redstone Missile and with the Army Ballistic Missile Agency on research, development and design of more advanced systems. Ford is also working with the Air Force and Navy in the missile guidance field.



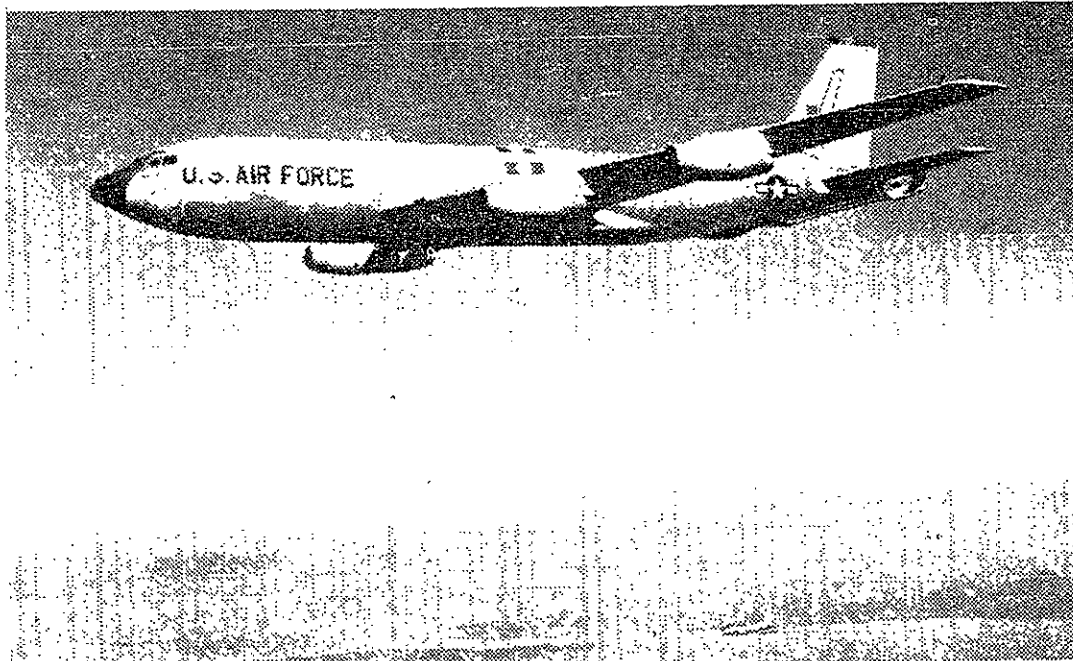
ELECTRONICS AND RADAR:

Ford Instrument engineers are doing advanced work in electronics for data handling computers. Radar design, transistor work, airborne equipment, and both digital and analog computer development are the backbone of the company's research. The techniques FICo has developed in this work have application in the design of commercial and industrial automatic controls.



CLOSED CYCLE GAS-COOLED REACTOR:

This peacetime application of nuclear power is being studied at FICo. Operation of this type of reactor is based on the use of nitrogen or helium under pressure as the working fluid for direct transfer of energy from reactor to turbine. The feasibility of building by 1961 a power plant using this type of reactor to propel an oil tanker is now being worked on in FICo laboratories.

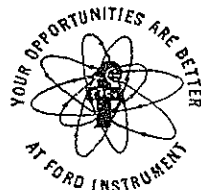


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On this page are shown a few projects which Ford Instrument engineers have worked on. There are many others, but they all have one thing in common: These vital projects encompass a variety of technological advances which are important steps in the scientific and industrial progress of the country.

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We often forget the advantages of living in New York or its suburbs. The city, with its opportunities for entertainment, culture, shopping and sports, has everything — it is truly the capital of the world. From the U. N. Building to Radio City, from the glitter of Broadway to the shops on Fifth Avenue, from the Battery to Central Park — New York is an exciting city to see and a stimulating one in which to work.

Arrange to see FICo's Engineering Representatives through your placement bureau

Day **FRIDAY**
Date **MARCH 1, 1952**

Violin Collection In Hyden Library Valued At Over A Million Dollars

A million dollars' worth of the world's rarest stringed instruments, is now on exhibition in the New Gallery of Hayden Memorial Library. The collection includes three dozen Stradivari, Amati, and other violins. This is the first time within recollection that four matched quartets of fine instruments have been assembled in one place. These include Amati violins, viola, and cello dating from 1619 to 1680; Stradivari dating from 1701 to 1723; Guarneri, from 1676 to 1734; and Gofrillers dating from 1700 to 1723.

The oldest instrument is an ornate violin made by Andrea Amati in Cremona in about 1565 for King Charles IX of France. It was used in the French court until the Revolution and disappeared for about a century.

The MIT exhibition also includes an elaborately decorated harpsichord, built by Franciscus Marchionis in 1666 and loaned by Arthur Kohlenberg. Also in the collection are such instruments as a quintone dating to 1698 and miniature violins made for dancing masters to carry in their pockets. There is also a collection of old concert programs and other old prints.

The exhibition, which will remain here through March 10, was brought together especially for MIT. Most of the instruments are from the collections of Emil Herrmann and Rembert Wurlitzer, two of the world's most famous dealers in rare instruments. One Boston instrument is included, a 1676 Guarneri viola belonging to Mrs. Olga Pertzoff.

Faculty Newssheet Tech Talk Appears

The 24th of this month will mark the debut of a newssheet for the faculty and the administration here at the Institute. Known as *Tech Talk*, this paper will be distributed free every two weeks by the News Service of MIT.

Mrs. Richardson, who is in charge of publishing the newssheet, said, "The Institute is getting so big that the different people who are helping to run it are losing touch with each other. We will send out 7000 copies of the paper. *Tech Talk* will let these people know what is going on in the Institute."

A sample copy of the newssheet, written in an informal, chatty style, features the construction of the Karl Taylor Compton laboratory in its lead story.

bush leaguer Betas, Fijis In Quarter-Finals

Phi Gamma Delta and Beta Theta Pi solidly crushed their opposition Wednesday night to become the first two teams to reach the quarter finals in the MIT intra-mural basketball playoffs.

After barely squeaking past Westgate Monday in a 56-54 overtime contest, Phi Gamma found the going easy in defeating Sigma Phi Epsilon Wednesday, 47-27. John Irwin, president of the Class of '58, spearheaded the Fijis' drive with thirteen points.

Wednesday also saw Beta Theta Pi continue undefeated in the playoffs, as they ran through Phi Delta Theta, 64-43. Warren Goodnow continued to spark the Betas, who previously had knocked off Grad House A in their title drive.

East Campus topped Meteorology in a first round contest played Monday night, as Baker A was whipping Lambda Chi Alpha. Student House tied Delta Upsilon on a last second half-court set, but then succumbed in overtime in another initial pairing the same night. Phi Delta Theta, loser to Beta Theta Pi, whipped Sigma Chi in the final opener Monday.

Looking ahead to future matches, Phi Gamma Delta, Beta Theta Pi, and East Campus appear to be the teams that have the best chance to reach semi-final and final competition. The fine passing and teamwork of the Fijis stamp them as a tough club to beat, while the excellent rebounding of the Betas mark them as rough opposition.

East Campus' high scoring play enables them to cut down their challengers, making the title their possibility.



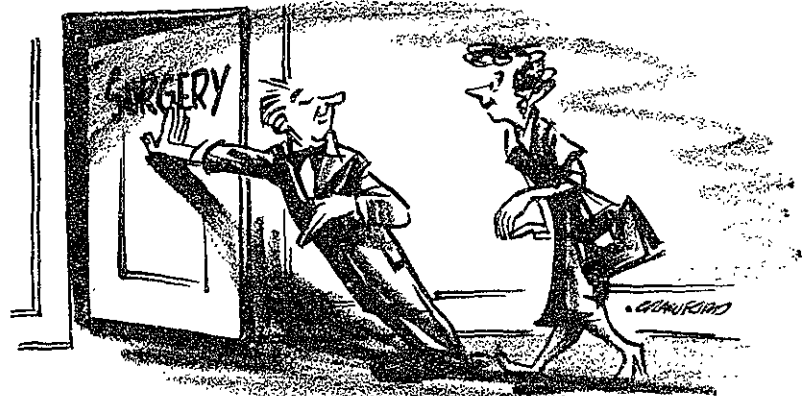
DIARY OF A COED

MONDAY: Prof Pomfritt sprang quiz in English lit this morning. If Shakespeare didn't write *Canterbury Tales*, I'm back in the steam laundry... Lunch at the house - turkey hash. Question: how can we have turkey hash when we never had turkey?... Smoked a good, natural Philip Morris after lunch. Yum, yum!... Played bridge in the afternoon. When game was over, Mildred Olliphant stabbed me several times with hatpin. Must learn weak club bid... Dinner at house - lamb hash. Question: how can we have lamb hash when we never had lamb?... Smoked a Philip Morris after dinner. Good-O! - no filter, no foolin'!... Chapter meeting at night. Motion made to abolish capital punishment for pledges. Motion defeated... Smoked some more Philip Morris. Natural! Dreamy!... And so to bed.

TUESDAY: Faculty tea. Spilled pot of oolong on Dean of Women. She very snappish. Offered her a Philip Morris. Still snappish. Offered skin graft. No help... Dinner at Kozy Kampus Kafe - 14 hamburgers. But no dessert. Have to watch waistline... And so to bed.

WEDNESDAY: Got our marks in English lit quiz. Lucky for me Shakespeare wrote *Canterbury Tales*!... Date with Ralph Feldspar. Purely platonic. Ralph wanted to talk about love trouble he's been having with Mady Vanderklung. I said things were bound to improve. Ralph said he hopes so because the last four times he called on Mady she dumped vacuum cleaner bag on him. Smoked Philip Morris. Yummm! Dinner at house - bread. That's all; just bread... And so to bed.

THURSDAY: Three packages from home - laundry, cookies, records. So hungry I ate all three... Quiz in American history. If James K. Polk didn't invent cotton gin, I'm in big trouble... Had afternoon date with Erwin Trull, pre-med. Nice boy but no loot. Took me to see another appendectomy. Ho-hum!... But we had Philip Morris afterwards. Goody, goody, gumdrops!... Dinner at house. Big excitement - Vanessa Strength announced her engagement. While girls flocked around to congratulate Vanessa, I ate everybody's mackerel... Then smoked a good, natural Philip Morris. Divoon!... And so to bed.



...took me to see another appendectomy

FRIDAY: Got our marks in American history quiz. Was dismayed to learn that James K. Polk did not invent cotton gin. He wrote *Canterbury Tales*. ... Odd!... Lunch at the house - bread hash... Philip Morris after lunch. Grandy-dandy!... Spent afternoon getting dressed for date tonight with Norman Twonkey. Norman is tall, dark, loaded - a perfect doll! Only thing wrong is he never tells girl where he is going to take her. So I put on a bathing suit, on top of that an evening gown, and on top of that a snowsuit. Thus I was ready for a splash party, dance, or toboggan slide... So what do you think happened? He entered me in a steeplechase, that's what!

SATURDAY AND SUNDAY: Days of rest, play, quiet, meditation, and - aaah! - Philip Morris!... And so to bed.

© Max Shulman, 1957

Coeds - and, of course, eds too - in your busy campus week, a companion ever-constant, ever-true, and ever-welcome is today's new, natural Philip Morris Cigarette, made in regular and long size by the sponsors of this column.

Can you answer this one

MIT+X

The answer's on page 10

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Ken Boekeloo (center foreground) at the scene of a cable installation project in Detroit.

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Today, ten years later, Ken is a Division Plant Superintendent in Detroit. Eight district supervisors report to him, and they supervise some 1700 people. Ken is responsible for the installation and maintenance of plant facilities valued at \$135,000,000 including more than 500,000 telephones.

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VOO DOO CONTEST

Voo Doo announces a humorous-and-satirical writing contest open to all college freshmen. Entries, 1500-2500 words, should be submitted to the Managing Editor, Walker Memorial, Room 304, before April 15, 1957. A first prize of \$25 is offered. Further details are given in the March issue of Voo Doo, appearing today.

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See answer on page 10

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1. Product (General Information)			
A. Diversity			
B. Future Growth			
C. Uses and Applications			
2. Company			
A. Size			
B. Operational Success			
C. Stability			
THE JOB ITSELF			
1. Job Description			
2. Responsibilities and Initiative Exercised			
3. Opportunity for Varied Experience			
4. Promotional Opportunity			
5. Traveling - Transfers			
6. Training Given			
7. Work Environment and Conditions			
8. Educational Facilities			
9. Financial Benefits			
Salary			
Insurance			
Vacations			
THE COMMUNITY			
1. Geographic Location			
2. Accessibility to Other Points of Interest			
3. Housing and Cost of Living			
4. Recreational Facilities			
5. Churches			
6. Fraternal Organizations			
7. Schools for Children			
OTHER REQUIREMENTS			
1.			
2.			
3.			
OVER-ALL JOB COMPANY RATING			

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this newest section of the Pratt & Whitney Aircraft team will face a challenging assignment. They, too, will be concerned with design, testing and development of highly advanced, extremely powerful jet engines which will join a family already including J-57 and J-75 turbojets, currently playing important roles in the growing military and commercial air power of the United States.

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Beaver Hoopsters Downed By Taller BU; Overcome After Nine-Point Halftime Lead

Leading by nine points at the end of the first half, the MIT hoopsters succumbed to a much taller BU squad in the second half as they took an 81-62 trouncing at Rockwell Cage Wednesday night. The Red and White's height advantage enabled them to take more than twice as many shots as the Beavers since they took more than 75% of the rebounds, especially off the offensive backboards.

With Lee Cooper '59 and Marty Goldstein '57 leading the way with 11 and 12 points respectively, the locals piled up a 40-31 halftime lead after being ahead several times by 13 points.

Both teams started with a zone defense, but midway through the half they both returned to the usual man-to-man. Although outrebounded, the

Techmen hit on close to half their shots from the floor while their opponents couldn't seem to find the basket.

Cooper, Goldstein, Murray Murasklin '57, Mac Jordan '58, and Bob Polutchko '59 comprised the starting lineup for the Beavers and they played the entire half as Coach Burke wanted to hold the winning combination together.

After the intermission it was a completely different story. BU began to hit from the outside and they tied up the game after about five minutes of play at 42-42 after scoring nine straight points. The two teams battled back and forth for a few minutes and the visitors took the lead for good midway through the half. The winners kept running off streaks

of five and six points as their back-court men began to hit on sets and long jump shots. When they missed, the Red and White would usually manage to get in a few more shots because they completely dominated their own boards. It appeared that three BU cagers would be rebounding against only one Techman most of the time.

The Terriers had four men in double figures with Dick Armstrong leading both sides as he netted 20 points. The Beavers' three top scorers were Muraskin, Cooper, and Goldstein with 19, 13 and 12 tallies respectively. Muraskin accounted for 12 of MIT's 22 points in the second half as his teammates lost the range on the hoop.

Undoubtedly Polutchko's playing was affected due to the fact that he picked up three personal fouls in the first ten minutes of the game. Bob seemed to be gradually worn down by the heavier Terriers under the boards as he started out by picking up a good share of the rebounds.

This was the Beavers' fifth straight setback and the seventh in eleven contests this season. Their next game is with Bowdoin at home this Friday night. After that four of their last five encounters are on the road.

The Beaver Freshmen suffered their first defeat after seven consecutive wins to the BU first year men, 75-58 in the contest preceding the varsity game.

MIT SCORING

Player	Field Goals	Fouls	Total
Muraskin, f.	8	3	19
Cooper, g.	6	1	13
Rachofsky	0	2	2
McGinty	1	0	2
Jordan, f.	2	4	8
Goldstein, g.	6	0	12
Humann	0	0	0
Larson	0	0	0
Polutchko	2	0	4
Wilensky	0	0	0

JUILLIARD STRING QUARTET

The Juilliard String Quartet with Gregory Tucker, pianist, will be presented in Kresge Auditorium at 3 p.m. Sunday, February 17. The program will consist of the following works: Mozart Quartet in G, K. 378; Dvorak Piano Quintet; Beethoven Quartet Op. 135.

INFORMAL DANCE

The Informal Dance Committee of the Walker Staff will present its first dance of the term on Saturday night at 8 p.m. in Walker. Admission will be \$1.00 per couple.

ACQUAINTANCE DANCE

East Campus will present an acquaintance dance tonight in Morris Hall from 8-12 p.m. Music will be provided by the Jerry Davis Orchestra. Refreshments. Admission will be \$1.00.

On Deck

Friday

Varsity Basketball in the Cage
MIT vs. Bowdoin 8:15 p.m.
Squash at Home vs. Army 4:00 p.m.
Rifle at Home vs. Maine 7:00 p.m.

Saturday

Varsity Hockey at Home
MIT vs. Army 2:00 p.m.
Swimming at Trinity 2:30 p.m.
Track at Northeastern 1:00 p.m.
Wrestling at U.S.C.G. Acad. 8:30 p.m.

Fencing at Home vs. Stevens 2:00 p.m.
Rifle at U.S.C.G. Acad. 8:00 p.m.

Sunday

Varsity Skiing at Laconia, N.H.
Tufts Trophy 2:00 p.m.

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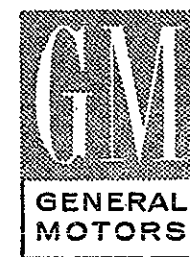
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Mon., Tues. & Wed., Feb. 18, 19 & 20

You are invited to consult your Placement Officer for an appointment.

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**Fencers Drop Two
After Bradford Win**

During the last week, the MIT fencing team won one match by a wide margin, but lost the succeeding two by almost as great a point spread. February 6, Tech met an out-classed Bradford-Durfee Technological Institute team and brought home a stunning win of 21 to 6. The foil team composed of Jim Wieting, Mike Fein, Ted Quist, and Barry Shabel turned in a perfect record of 9-0. Wieting entered the line-up for the first time this year to fence his three bouts unscored upon, proving he had sufficiently recovered from a fall leg injury. The epee team lost only one of their nine. Team members were Les Dirks, Roy Norris, Ron Wempen, and Joe Pedlosky. The sabre team, however, with fencers Larry Campbell, Ben Edwards, Hal Miller, Mike Meeker, and Bob Barbolini took only four of their nine bouts.

Ironically team scores were almost reversed Saturday when MIT was defeated by a powerful City College of New York team 19-8. The only bright spot of the match was the Tech sabre team's win of 6-3. Significant was the fact that two of C.C.N.Y.'s sabre team were winners of the Eastern Championships in team competition last year. Wieting and Dirks took the only other two wins in foil and epee respectively.

Wednesday, Tech was defeated by the Harvard fencers 18 bouts to 9. In foil Wieting won all three of his bouts for the only wins in that weapon. In sabre Meeker had two wins while Edwards and Campbell had one win each. The only epee scores were tallied by Dirks and Wempen who had one each. This gives Tech three wins and two losses for the season with five matches yet to be fenced.

Next week, MIT meets Boston University and Stevens Institute. The latter team should not give much trouble to Tech, but the former may prove more difficult.

Matmen Beaten

In their closest encounter of the season, the MIT matmen were edged by the U. of Mass., 12-11, in the victor's gym. This was their fourth loss in five matches this year.

Bob Boese '58 was the only grappler to register a pin for either side as he downed his U. of Mass. opponent in the second period to capture the 123-lb. class. Jimmy Simmonds '57 won for MIT when the home squad forfeited the 137-lb. battle. In the 167-lb. match, Bob Solenberg '57 won a two-point decision to remain undefeated.

The Beavers' star matman, Harris Hyman '58, had his perfect record blemished as he drew with last year's 147-lb. frosh New England champ.

In the 130-lb. contest, Tech's Ray Ortler '58 dropped a three-point decision. Mike Flinn '59 was outfought in the 157-lb. scrap and MIT forfeited the 177-lb. match.

Tony Vertin '57, Beaver captain, although outweighed by more than 30 lbs., put up a great battle in the unlimited contest.

MIT Pistols Win

The MIT Pistol Team added one more victory to its record by outshooting Harvard, and Brown in a three-way match held at the MIT range last Saturday. The Tech squad took a close first by a total point production of 1275, with Harvard compiling 1274 and Brown 1225.

This match was the team's first following an unsuccessful southern trip during mid-semester break. The trip provided the opportunity to compete against two of the top teams in the country, Navy and the US Merchant Marines. The Annapolis sharpshooters set a new range record in defeating the visiting Techmen by 1408 to 1265. The USMM Academy at Kings Point, Long Island, provided the next competition for the Tech triggermen. The Marines squeezed out a 1238 to 1216 victory over their courageous engineers.

On March 2, the team travels to the U. of Conn. for the final match of the season.

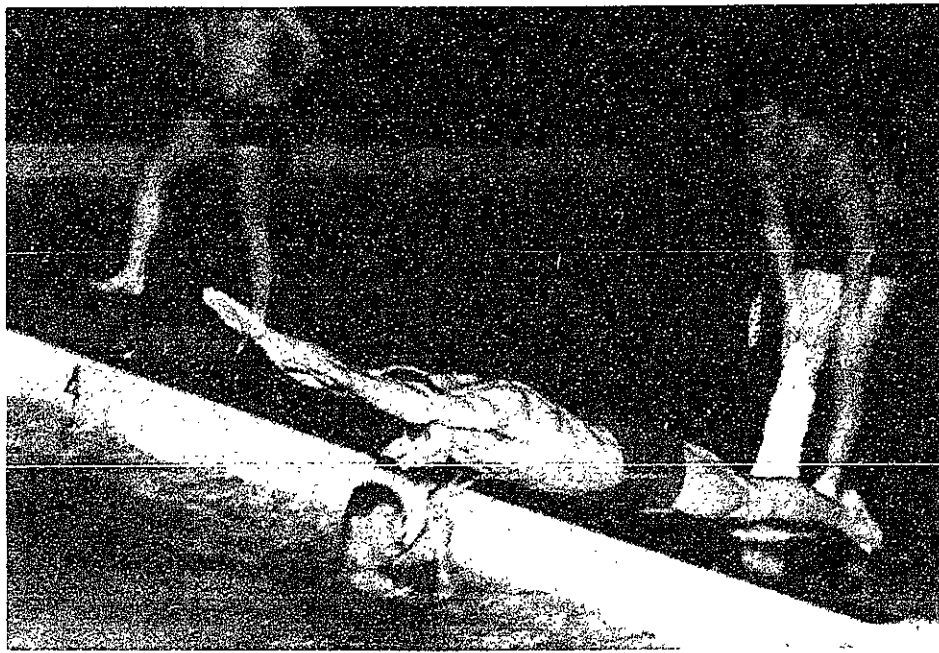
MIT Mermen Down Tufts; Tie U. Of Mass.

The MIT Swimming Team completed its home schedule with a convincing 59-27 victory over Tufts, and a heartbreaking 43-43 tie with a powerful U. of Mass. team. The team now hits the road after compiling an impressive five wins and one tie record in six home meets.

The Tech Medley Relay Team composed of Johnson '58, Jacobson '59, Getchall '59, and Duane '57, swam to an impressive thirty-yard victory over Tufts with U. of Mass. twenty yards further back. The 220-yd. free-style event was a thrilling dual between Kohlman '58 of MIT and Balwin of U. of Mass. with Kohlman the winner by two yards. Kossler '59 finished fourth, ahead of both the 'Tufts' men.

The 50-yd. free-style found Bob Jantzen '57 and Roger Kane '59 finishing second and third respectively against both teams. The 100-yd. butterfly was won by Hone of U. of Mass. in 62.6 seconds. Getchall '59 placed third behind Pickering of Tufts.

The century was a heart breaker for the Engineers as both Veeck '58 and Duane '57 were edged out by the two U. of Mass. freestylers Carroll and Balwin with Mulligan of Tufts finishing third. Tech breathed easier when Devine '59 and Hortman '58 made it clear after only fifty yards that MIT would once again come through with a clean sweep in the 200-yd. backstroke—Devine winning by 7 yds. in the excellent time of 2:23.5 seconds. The 440 was an exciting race all the way between Kohlman '58 and Ham of the U. of Mass.



Will Veeck '58 takes off for the start of his leg in the 400 yard freestyle relay in last Tuesday's meet against Tufts and the University of Massachusetts. The Beaver swimming team defeated Tufts and tied with U Mass in the three way meet.

with Ham emerging the victor by only 2 yards. Kohlman's time was 5:15.2 seconds, only two seconds under the school record. The 200-yd. breaststroke was won by U. of Mass. in the time of 2:48.6 seconds with Tufts second and third. Lynn Jacobson '59 placed fourth and Bob Hull '57 fifth.

At this point Tech had already defeated Tufts and they possessed a seven-point lead over U. of Mass., 43-36, with only the 400-yd. free-style relay to go which awarded seven points to the winner. The race was between MIT and U. of Mass. right from the start as Tufts fell

behind. Carroll of U. of Mass. who had previously won the hundred opened with a four-yard lead over Tech. Rog Kane '59 held his own in the battle, turning in a time of 56.1 secs. Bill Veeck '58 then took over and chopped the lead to two yards with his best time of the year, 54.2 secs. Harry Duane, swimming the anchor leg, took off after Ham of U. of Mass. and although gaining on every stroke in one of the most thrilling aqua races of the year, MIT lost by a narrow splash, to tie the match with the latter school.

The mermen race Trinity this Saturday in their pool.

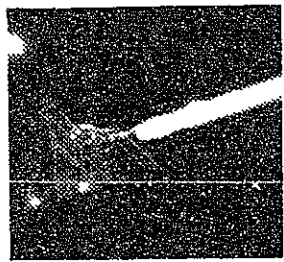
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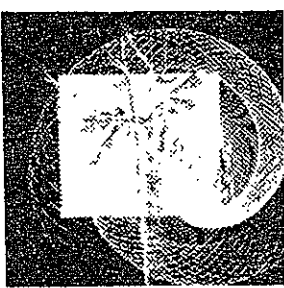
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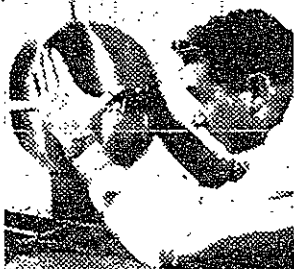
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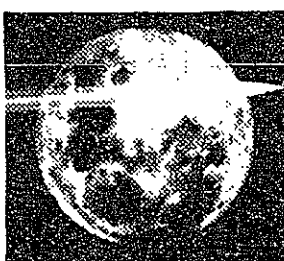
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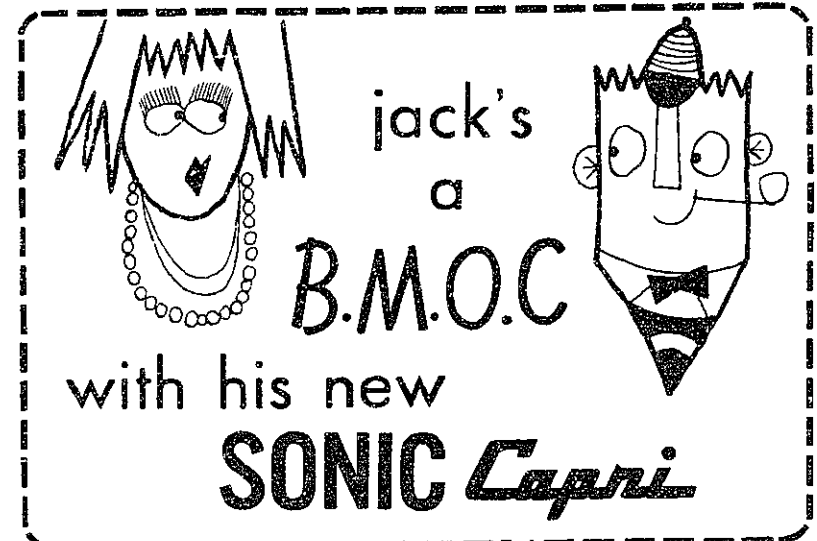
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